

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

W.E. Case No. NSD2002-012 Group:  
Examiner:  
Applicant: Joseph W. Formuth et al  
Serial No.: 10/630,056  
Filed: July 30th, 2003  
Title: PRESSURIZED WATER REACTOR SHUTDOWN METHOD

Att: LICENSING &amp; REVIEW

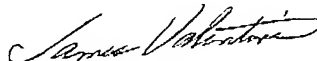
Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20036

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Sir:

Enclosed is Applicants' Declarations which are submitted for the  
purpose of satisfying the requirements of 152 of the Atomic Energy Act  
of 1954.

Respectfully submitted,



Attorney for Applicants  
Tele: (412) 374-3970  
Facsimile No. 412-374-3832

Date: 6/7/2004

J.C. Valentine:pl  
Reg. No. 27,239

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W.E. Case No.

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DECLARATION

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Joseph W. Kormuth declares and states:

(1) That he is the co-inventor along with William A. Byers;

Richard D. Reid and George P. Sabol of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he made and conceived the subject invention solely in the course of his employment with Westinghouse Electric Company LLC, and while utilizing the funds, facilities, materials, equipment and services solely of Westinghouse Electric Company made available under commercial funding.

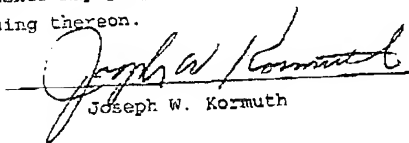
(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

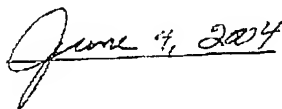
The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that

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these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
Joseph W. Kormuth

Date:



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## DECLARATION

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William A. Byers declares and states:

- (1) That he is the co-inventor along with Joseph W. Kormuth; Richard D. Reid and George P. Sabol of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.
- (2) That he made and conceived the subject invention solely in the course of his employment with Westinghouse Electric Company LLC, and while utilizing the funds, facilities, materials, equipment and services solely of Westinghouse Electric Company made available under commercial funding.
- (3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.
- (4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission, or its successors in interest,

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the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

William A. Byers

William A. Byers

Date: May 17, 2004

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## DECLARATION

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Richard D. Reid declares and states:

(1) That he is the co-inventor along with Joseph W. Kormuth; William A. Byers and George P. Sabol of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he made and conceived the subject invention solely in the course of his employment with Westinghouse Electric Company LLC, and while utilizing the funds, facilities, materials, equipment and services solely of Westinghouse Electric Company made available under commercial funding.

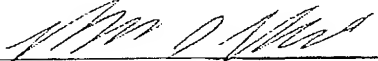
(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that

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these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Richard D. Reid

Date: MAY 17, 2004

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## DECLARATION

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George P. Sabol declares and states:

(1) That he is the co-inventor along with Joseph W. Kormuth; William A. Byers and Richard D. Reid of the subject matter disclosed and claimed in the above-identified application for United States Letters Patent.

(2) That he made and conceived the subject invention solely in the course of his employment with Westinghouse Electric Company LLC (through a temporary staffing agency now known as Hudson Global Resources), and while utilizing the funds, facilities, materials, equipment and services solely of Westinghouse Electric Company made available under commercial funding.

(3) That this invention, to the best of his knowledge, information and belief, has never been utilized, tested or embodied under any work, under any contract, subcontract, or arrangement with or for the benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

(4) That this invention, to the best of his knowledge and belief, was not made nor conceived in the course of or under any contract, subcontract, or arrangement entered into with or for the

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benefit of the United States Atomic Energy Commission, or its successors in interest, the United States Energy Research and Development Administration or the United States Department of Energy.

The undersigned Declarant further declares that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

George P. Sabol

George P. Sabol

Date: June 1, 2004

PTO/SB/97 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

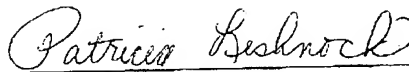
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Docket No.: NSD2002-012  
Serial No.: 10/630,056  
Filed: July 30th, 2003  
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Papers Submitted: Cover Letter (1 Page)  
DOE Decs (8 pages)

total of 9 pages

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